Post-graduate Course

Drug-resistant TB care and treatment, including trials

Patient-centred care

Full-day

75

Multidrug-resistant and extensively drug-resistant TB (MDR-/XDR-TB) pose a significant threat to TB control and challenge clinicians and programme managers world-wide given the complexities in diagnosis, treatment and case management. This course presents cutting-edge strategies for clinical and programmatic management of MDR-TB for the front-line clinician, nurse, epidemiologist, laboratorian and programme managers using case-based presentations that will illustrate internationally recommended practices to address the challenges of MDR-TB diagnosis, treatment and care.

1. National TB and HIV programme managers and clinicians, lung health specialists
2. Epidemiologists, international tuberculosis consultants, laboratory scientists
3. Public health nurses, promoters and deliverers of community-based health care

Objectives

1. Update global epidemiology of MDR/XDR-TB and present principles of MDR-TB prevention, diagnosis, treatment
2. Update on recent advances in rapid diagnosis of MDR/XDR-TB and discuss how these advances may be applied
3. Discuss evidence-based management of and controversial issues in the treatment of MDR/XDR-TB
4. Present cutting-edge strategies for the prevention, treatment and management of MDR/XDR-TB
5. Introduce programmatic management of MDR-TB in resource-limited settings and discuss ethical principles

Keywords

MDR-TB; XDR-TB; management

Coordinator(s)

Sundari Mase (USA), Ernesto Jaramillo (Switzerland)

Chair(s)

Ignacio Monedero (Spain), Sundari Mase (USA)

Presentations

1. MDR/XDR-TB global epidemiology (including the epidemiology of HIV-coinfection)
   Susan Van Den Hof (Netherlands)

2. Laboratory tools available to diagnose DR-TB
   Christopher Gilpin (Switzerland)

3. DR-TB case finding strategies
   Sundari Mase (USA)

4. DR-TB surveillance and surveys: policy and practice
   Matteo Zignol (Switzerland)

5. Designing a treatment regimen for MDR-TB: presentation of a clinical case
   Jose Caminero Luna (Spain)

6. Principles in designing a treatment regimen for DR-TB and WHO recommended strategy
   Jose Caminero Luna (Spain)

   Francis Varaine (France)

8. Treatment regimen for special MDR-TB situations: presentation of a clinical case
   Rocio Hurtado (USA)

9. HIV coinfection, pregnancy, childhood MDR-TB
   Rocio Hurtado (USA)

10. Surgery in management of MDR-TB
    Andrey Maryandyshev (Russian Federation)